



AVIATION MAINTENANCE SAFETY CONFERENCE

2004

Naval Safety

Center

Code 12

Initiatives and
Services

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AVIATION MAINTENANCE SAFETY CONFERENCE

**CODE 12 INITIATIVES AND FLEET SUPPORT
SERVICES**

- AVIATION SAFETY SURVEYS
- KHAKI RISK MANAGEMENT PRESENTATION
- MAINTENANCE MALPRACTICE PRESENTATIONS
- SAFETY CENTER WEB PAGE (Aviation Maint. Page)
 - Self Assessment Tools
 - Monthly Mishap summaries
- DATA RETRIEVAL
- MAGAZINES



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AVIATION SAFETY SURVEYS:

- ALL AROUND LOOK, TOPSIDE AND MAINTENANCE
- NON PUNITIVE LOOK AT THE REQUEST OF THE CO
- SNAP SHOT PICTURE OF DAILY PROCEDURES
- RESULTS STAY IN HOUSE
- MAINTENANCE SIDE FOCUS IS ON MAINTENANCE PROGRAMS, NAVOSH/OSH COMPLIANCE, OVERALL SAFETY OF PROCEDURES AND FACILITIES.



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KHAKI RISK MANAGEMENT PRESENTATION AND MAINTENANCE MALPRACTICE PRESENTATIONS:

- Uses PICTURES/SLIDES/VIDEOS/REAL WORLD EXPERIENCES to emphasize concepts, practices, procedures and pitfalls associated with the aviation maintenance environment.
- Focus is on ORM (refresher), Ground Crew Coordination, and Human Factors in Aviation Maintenance.
- MMP's target audience is E-6 and Below.
- KRM's target audience is E-7 and above.



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SELF ASSESSMENT TOOLS:

- Program Guides
 - Recognized Fleet wide Discrepancies
 - Areas of concern
 - Program Elements (what the surveyor looks for during a survey)



Naval Safety Center Program Guide
(10 February 2001)

Program: Sight Conservation

References:

- (a) OPNAVINST 4790.2H, Vol V, Chap 2
- (b) OPNAVINST 5100.19D CH1, Chap B5
- (c) OPNAVINST 5100.23F, Chap 19
- (d) American National Standards Institute Z87.1-1989, Eye Protection
- (e) American National Standards Institute Z358.1-1998, Emergency Eyewash and Showe Equipment
- (f) Applicable Base/Wing/MALS/MAG Sight Conservation Instruction

Recognized fleet wide discrepancies / areas of concern:

- All Navy and Marine Corps commands with eye hazards are required to implement a sight conservation program per **Refs (b) and (c)**. This ensures eye safety is paramount when performing any operations, maintenance, repair or handling. Identification of hazardous areas, training and care of personnel protective equipment (PPE) are also essential components of the program. Commands shall provide all appropriate PPE for personnel at **GOVERNMENT EXPENSE**.
- Safety Officers, division officers, Safety Petty Officers/NCO's shall ensure that all areas are inspected for eye hazardous areas per **Refs (b) through (f)**. Ensure to inspect all non-maintenance related areas such as storerooms, staging areas, cleaning and hazard lockers for eye hazards. Ensure appropriate warning signs are posted in a conspicuous place per **Refs (b) and (c)**.
- Ensure eye hazard areas are marked properly with either black and yellow checkered or striped tape per **Refs (b) and (c)**.
- Ensure indoctrination training and annual sight conservation training is conducted per **Refs (a) through (c) and Ref (f)**.
- Ensure PPE utilized meets or exceeds the criteria per **Refs (b) through (d)** and that it does not pose a FOD hazard, if used near or around aircraft flight operations.
- Ensure personnel adhere to all applicable safety precautions and wear PPE when required.
- Install either plumbed or self-contained eyewash stations in areas where personnel eyes may be exposed to corrosive material per **Refs (b), (c) and (e)**.
- Ensure all plumbed eyewash stations are checked weekly and all self-contained units quarterly or per the manufacturers recommendations, whichever is more frequent. (**Ref (c)**). If an anti-bacterial agent is added to the water, change and flush the unit per the manufacturer's recommendations.
- The newly approved ESS Land Operations Goggles are now available. Information is available at the DLA website dedicated to the goggles: <http://www.dspp.dla.mil/gi/general/safetyandrescue/ESS.htm>

Helpful Hint(s): Eye safety is too important for it to take a back seat to any other program. Ensure all personnel are trained in sight conservation to include inspection of PPE, proper care of PPE, use and limitations, proper selection of PPE and emergency procedures to be followed.

Program Elements (what I look for): Compliance and documentation of inspections on plumbed and standalone eyewash units is probably the biggest discrepancy. Also, ensure the units are clean, free of debris and accessible to personnel. A big item often overlooked is location and ensuring that they are centrally located and if not feasible to centrally locate them, look into installing a second unit.

Reference Note: The references listed above are the most common used and held by Sight Conservation managers. They are not all inclusive.

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SELF ASSESSMENT TOOLS:

Continued

- Survey Checklists
- Process Evaluation Self Assessment Checklists



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MONTHLY MISHAP SUMMARIES:

- A Summary of recent maintenance related mishaps in hopes that they will raise awareness concerning safety practices and to share the consequences of not following procedures
- Updated monthly
- Great tool for training
- Learn from others mistakes. The life you save may be your own



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DATA RETRIEVAL:

INFORMATION DATA BASE

- HAZREP INFORMATION
- MISHAP INFORMATION

METHODS TO RETRIEVE THIS INFORMATION

- AVIATION WEB FEEDBACK FORMS
(preferred)
- CALL ONE OF THE SAFETY ANALYSTS



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MAGAZINES and POSTERS:

- GROUND WARRIOR
- MECH
- APPROACH
- SEA & SHORE (**NEW**)
- NUMEROUS SAFETY POSTERS (ALWAYS LOOKING FOR INPUT ON NEW IDEAS.)



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Questions??

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